



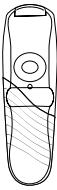
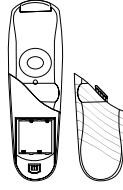
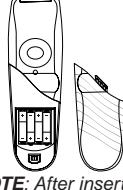
HOME THEATER PLUS

URC8780 User Manual



INSTALLING THE BATTERIES

Your **HOME THEATER PLUS** requires four (4) new AAA alkaline batteries. To install the batteries:

- 1  On the back of the **HOME THEATER PLUS**, press down on the black battery cover and push-slide the cover off.
- 2  Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the batteries.
- 3  Slide the battery cover back into place.

NOTE: After inserting the batteries, the LCD screen will enter a test mode, which tests each segment of the LCD screen. This process will last for 10 seconds or until any key is pressed, which ever occurs first.

USING YOUR HOME THEATER PLUS

Features and Functions

The illustration below and the chart describe the features and the functions of the **HOME THEATER PLUS** keypad. The following keys will always have the same function, regardless of which component you are controlling. For an explanation of what each key does by component type, please use the index at the rear of the manual.

| Feature | Function |
|---|---|
|  SETUP | The SETUP key is used to access the menu and program your HOME THEATER PLUS . |
|  TV , VCR , CBL/SAT , DVD/LD , TUNER , CD , AMP and AUX1 | The TV , VCR , CBL/SAT , DVD/LD , TUNER , CD , AMP and AUX1 keys are used to select the home entertainment component you want to control. If your component does not respond when you press a key on the remote control, press the TV , VCR , DVD/LD , CBL/SAT , TUNER , AMP , CD , or AUX1 key to tell the remote control which component you would like to operate. |
|  ESC | The ESC (Escape) key is used to exit the LCD Screen menu. |
|  LITE | The LITE key is used to turn ON and OFF the HOME THEATER PLUS 's backlit keypad and LCD screen. Press the LITE key once to turn ON the back light. The HOME THEATER PLUS 's backlight will stay on for 5 seconds after the last key press and re-activates with the press of a key. To de-activate the backlight, press the LITE key again. |
|  POWER | The POWER key controls power ON and OFF. |
|  VOL + / VOL - | The VOL + (Volume Up), VOL - (Volume Down) and MUTE keys control the volume the same as the Volume Up and Down and Mute keys on your original remote. |
|  MUTE | |
|  CH - / CH + | The CH + (Channel Up) and CH - (Channel Down) keys change channels the same as the Channel Up and Down keys on your original remote. |
|  MACRO | The MACRO key memorizes up to 15 keystrokes that can be accessed in sequence at the press of a single key. These keys are not mode specific. |
|  SHIFT | The SHIFT key accesses advanced features that are mapped under the following keys: MENU , MUTE , PREV CH , PIP , REW , PLAY , FF , STOP , and PAUSE . |
|  1L ~ 4L | The 1L ~ 4L keys are used for learning new features onto the HOME THEATER PLUS . |

SETTING THE CLOCK

To set up the CLOCK/TIME on the display screen:

- 1  **SETUP** Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2  **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL].
- 3  **SEL** Press **MENU -** one time, the display will change to [TIME SETUP]. Press **SEL** again.
- 4 **0 - 9** The display will change to [TIME] and the first digit in the time will blink. Enter either a **0** or a **1**, then the next digit in the time will begin to blink, continue entering the time until all four digits of the time have been set.
- 5  **SEL** After the time has been set, AM/PM will then blink. Press **MENU -** to toggle between AM and PM, once AM or PM is selected, press **SEL**.
- 6  **SEL** The display will then change to the day of the week (i.e., MON, TUE, WED, THU, FRI, SAT or SUN). Use **MENU -** to toggle through the days until the proper day of the week is displayed on the screen, then press **SEL**. The display will return to the [DEVICE and the TIME] screen with the correct time on the display.

NOTE: After changing the batteries, you will have to reprogram the clock.

QUICK SET-UP

To Quickly Set Up the HOME THEATER Producer to Operate Your Home Entertainment components

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on all of the components that you will be setting up.
- 2  Press and release the **TV** key.
- 3  Press and hold **SETUP** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
- 4  Press the **MENU** – key one time. The display screen will change to [CODE SETUP]. Press **SEL**.
 The display will change to [DEV SET UP]. Press **SEL**.
 The display will change to [TV].
- 5  Enter the first TV code listed for your brand in the "Set Up Codes for TVs", then press **SEL**. Point the remote control at the TV and press **POWER**. Your Television should turn OFF. If your TV does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER** again. Once your TV turns OFF, press **VCR**. You will now enter your VCR code.


- 6  Enter the first VCR code listed for your brand in the "Set Up Codes for VCRs", then press **SEL**. Point the remote control at the VCR and press **POWER**. Your VCR should turn OFF. If your VCR does not turn OFF, enter the next code in the code list then press **SELECT** followed by **POWER** again. Once your VCR turns OFF, press **CBL/SAT**. You will now enter your Cable Box code.


- 7  Continue to enter your codes as illustrated in Steps 5 and 6 until the *HOME THREATER Producer* is operating all of your home entertainment components. Once you have finished setting up your components, press **ESC** to return to the [DEVICE and TIME] display.

SETTING UP INDIVIDUAL HOME ENTERTAINMENT COMPONENTS

To Set Up Your Television:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your TV.
- 2  Press and release the **TV** key.
- 3  Press and hold **SETUP** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
- 4  Press the **MENU** – key one time. The display screen will change to [CODE SETUP]. Press **SEL**.
 The display will change to [DEV SET UP].
- 5  Press **SEL** and the display screen will change to [TV].
- 6  Enter the first TV code listed for your brand in the "Set Up Codes for TVs", then press **SEL**.
- 7  Aim the remote control at the TV and press **POWER**. Your TV should turn OFF. Press **ESC** to return the display to [TV and the TIME]. If your TV does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER** again. Once the correct code is entered, press **ESC** to return the display to [TV and TIME].

For a detailed explanation of what function each key will perform in the TV mode, please refer to "Key Index".

Set Up Codes for TVs

| | |
|---------------|-----------------------------|
| A-Mark | 0003 |
| AOC | 0030, 0019, 0003, 0052 0185 |
| Abex | 0032 |
| Admiral | 0093 |
| Adventura | 0046 |
| Aiko | 0092 |
| Akai | 0030 |
| Alaron | 0179 |
| Allegro | 0720, 0774 |
| Ambassador | 0177 |
| Ampro | 0751 |
| Anam | 0180 |
| Anam National | 0055 |

| | |
|-----------------|--|
| Archer | 0003 |
| Audiovox | 0451, 0180, 0003, 0092, 0623 |
| Aumark | 0060 |
| Baysonic | 0180 |
| Belcor | 0019 |
| Bell & Howell | 0154, 0016 |
| Beuamark | 0017, 0030, 0179 |
| Bradford | 0180 |
| Brockwood | 0019 |
| Broksonic | 0236, 0463, 0003 |
| CCE | 0217 |
| CXC | 0180 |
| Candle | 0030, 0056, 0046, 0186 |
| Capehart | 0052 |
| Carnivale | 0030 |
| Carver | 0054 |
| Celebrity | 0000 |
| Cineral | 0451, 0092 |
| Citizen | 0060, 0030, 0056, 0039, 0046, 0092, 0186, 0280 |
| Clairtone | 0185 |
| Concerto | 0056 |
| Contec | 0180, 0157, 0185 |
| Craig | 0180 |
| Crosley | 0054 |
| Crown | 0180, 0039 |
| Curtis Mathes | 0047, 0054, 0154, 0051, 0451, 0093, 0060, 0030, 0145, 0056, 0016, 0039, 0166, 0466, 1147, 1347 |
| Daewoo | 0451, 0019, 0039, 0092, 0623, 0624 |
| Daytron | 0019, 0039 |
| Denon | 0145 |
| Dumont | 0017, 0019 |
| Dwin | 0720, 0774 |
| Dynatech | 0217 |
| Electroband | 0000, 0185 |
| Electrohome | 0381 |
| Emerson | 0154, 0236, 0463, 0180, 0282, 0178, 0019, 0179, 0039, 0038, 0177, 0185, 0280, 0623, 0624 |
| Envision | 0030 |
| Fisher | 0154, 0159 |
| Fujitsu | 0179 |
| Funai | 0180, 0179, 0171 |
| Futuretech | 0180 |
| GE | 0047, 0051, 0451, 0093, 0282, 0178, 0021, 0055, 0027, 0135, 1147, 1347 |
| Gibralter | 0017, 0030, 0019 |
| Go Video | 0060 |
| GoldStar | 0030, 0178, 0019, 0056, 0039, 0001, 0032 |
| Gradiente | 0053, 0056 |
| Grunpy | 0180, 0179 |
| Hallmark | 0178 |
| Harley Davidson | 0179 |
| Harman/Kardon | 0054 |
| Harvard | 0180 |
| Hitachi | 0145, 0056, 0032, 0038, 0151 |
| Infinity | 0054 |
| Inteq | 0017 |
| JBL | 0054 |
| JCB | 0000 |
| JVC | 0053 |
| Janeil | 0046 |
| KEC | 0180 |
| KTV | 0180, 0030, 0039, 0185, 0217, 0280 |
| Kaypani | 0052 |
| Kenwood | 0030, 0019 |
| Kloss | 0024, 0046 |
| LG | 0056 |
| LXI | 0047, 0054, 0017, 0154, 0156, 0178, 1347 |
| Logik | 0016 |
| Luxman | 0056 |
| MEI | 0185 |
| MGA | 0150, 0030, 0178, 0019 |
| MTC | 0060, 0030, 0019, 0056, 0185 |
| Magnavox | 0054, 0030, 0179, 0020, 0024, 0096, 0186, 0187, 0386, 0171 |
| Majestic | 0016 |
| Marantz | 0054, 0030 |
| Matsushita | 0051, 0250 |
| Megatron | 0178, 0145, 0003 |
| Memorex | 0154, 0250, 0150, 0060, 0178, 0056, 0016 |
| Midland | 0047, 0017, 0051, 0039, 0032, 0135 |
| Minut | 0021 |
| Mitsubishi | 0093, 0150, 0178, 0019 |
| Motorola | 0093, 0055 |
| Multitech | 0180, 0217 |
| NAD | 0156, 0178, 0166 |
| NEC | 0030, 0019, 0056, 0497 |
| NTC | 0092 |
| Nikko | 0047, 0017, 0154, 0156, 0030, 0178, 0092, 1347 |
| Noshi | 0018 |
| Onwa | 0180 |
| Optimus | 0154, 0250, 0166 |
| Optonica | 0093, 0165 |
| Orion | 0236, 0463, 0179 |
| Panasonic | 0047, 0054, 0154, 0156, 0051, 0250, 0093, 0165, 0150, 0060, 0053, 0178, 0145, 0055, 0001, 1347 |
| Penney | 0047, 0156, 0051, 0060, 0030, 0178, 0021, 0019, 0018, 0056, 0039, 0003, 0027, 0032, 0135, 1347 |
| Philco | 0054, 0463, 0030, 0145, 0019, 0020, 0024, 0096, 0186, 0187 |
| Philips | 0054, 0017, 0000, 0021, 0019, 0018, 0039, 0020, 0024, 0027, 0052, 0171 |
| Pilot | 0030, 0019, 0039 |
| Pioneer | 0038, 0166 |

Portland 0019, 0039, 0092
 Prism 0051
 Proscan 0047, 0030, 1347
 Proton 0178, 0003, 0052, 0466
 Pulsar 0017, 0019
 Quasar 0051, 0250, 0165, 0055
 RCA 0047, 0051, 0093, 0019, 0018, 0038, 0090, 0135,
 1047, 1147, 1247, 1347
 Radio Shack 0047, 0154, 0165, 0180, 0030, 0178, 0019, 0056,
 0039, 0032
 Realistic 0154, 0165, 0180, 0030, 0178, 0019, 0056, 0039, 0032
 Rhapsody 0185
 Runco 0017, 0030, 0497, 0603
 SSS 0180, 0019
 Sampo 0030, 0039, 0032, 0052
 Samsung 0060, 0030, 0178, 0019, 0056, 0039, 0032
 Samlux 0039
 Sansei 0451
 Sansui 0463
 Sanyo 0154, 0146, 0159
 Scimitsu 0019
 Scotch 0178
 Scott 0236, 0180, 0178, 0019, 0179
 Sears 0047, 0054, 0154, 0156, 0178, 0179, 0056, 0146,
 0159, 0171
 Semivox 0180
 Semp 0156
 Sharp 0093, 0165, 0039, 0157, 0386
 Shogun 0019
 Signature 0016
 Simpson 0186, 0187
 Sony 0000, 0080, 0111
 Soundesign 0180, 0178, 0179, 0186
 Spectron 0003
 Squareview 0171
 Starlite 0180
 Supre-Macy 0046
 Supreme 0000
 Sylvania 0054, 0030, 0020, 0024, 0096, 0186, 0187, 0381
 Symphonic 0171
 TMK 0178, 0056, 0177
 Tandy 0093
 Tatung 0055, 0003
 Technics 0047, 0017, 0051, 0250, 1347
 Technol Ace 0179
 Techwood 0051, 0056, 0003
 Teknika 0054, 0180, 0150, 0060, 0019, 0179, 0056, 0016,
 0039, 0092, 0186
 Telefunken 0056
 Toshiba 0154, 0156, 0060
 Tosonic 0185
 Totevision 0039
 Trical 0157
 Universal 0021, 0027
 Vector Research 0030
 Victor 0053
 Vidikron 0054
 Vidtech 0178, 0019
 Viking 0046
 Wards 0054, 0156, 0165, 0030, 0178, 0021, 0019, 0179, 0056, 0016,
 0020, 0027, 0080, 0096, 0111, 0135, 0187
 White
 Westinghouse 0623, 0624
 Yamaha 0030, 0019
 Zenith 0017, 0016, 0092, 0146
 Zonda 0003

To Set Up Your VCR or TV/VCR Combinations:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your VCR and insert a tape.
- 2  Press and release the **VCR** key.
- 3  Press and hold **SETUP** until the display screen changes from [VCR and the TIME] to [TIMED SEQ].
- 4  Press the **MENU** – key one time. The display screen will change to [CODE SETUP]. Press **SEL**. The display will change to [DEV SET UP].
- 5  Press **SEL** and the display screen will change to [VCR].
- 6  Enter the first VCR code listed for your brand in the "Set Up Codes for VCRs" or "Set Up Codes for TV/VCR Combinations", then press **SEL**. Aim the remote control at the VCR and press **POWER** or **PLAY**. Your VCR should turn OFF or start to play. Press the **ESC** key to return the display to [VCR and the TIME]. If your VCR does not turn OFF or start to play, enter the next code in the code list then press **SEL** followed by **POWER** or **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [VCR and the TIME].

For a detailed explanation of what function each key will perform in the VCR mode, please refer to "Key Index".

Set Up Codes For VCRs

| | |
|-----------------|---|
| Admiral | 0048 |
| Adventura | 0000 |
| Aiko | 0278 |
| Aiwa | 0037, 0000, 0307 |
| Akai | 0041, 0061, 0106 |
| American High | 0035 |
| Asha | 0240 |
| Audiovox | 0037 |
| Beaumark | 0240 |
| Bell & Howell | 0104 |
| Broksonic | 0184, 0121, 0209, 0002, 0295, 0479 |
| CCE | 0072, 0278 |
| Calix | 0037 |
| Canon | 0035 |
| Capehart | 0020 |
| Carver | 0081 |
| Cineral | 0278 |
| Citizen | 0037, 0278 |
| Colt | 0072 |
| Craig | 0037, 0047, 0240, 0072, 0271 |
| Curtis Mathes | 0060, 0035, 0041, 0162 |
| Cybernex | 0240 |
| Daewoo | 0045, 0278, 0020, 0561 |
| Daytron | 0020 |
| Denon | 0042 |
| Dynatech | 0000 |
| Electrohome | 0037 |
| Electrophonic | 0037 |
| Emerex | 0032 |
| Emerson | 0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278, 0036, 0061, 0068, 0208, 0212, 0295, 0479, 0561 |
| Fisher | 0047, 0104, 0054, 0066 |
| Fuji | 0035, 0033 |
| Funai | 0000 |
| GE | 0060, 0035, 0048, 0240, 0202 |
| Garrard | 0000 |
| Go Video | 0432, 0526 |
| GoldStar | 0037, 0038 |
| Gradiente | 0000, 0008 |
| HI-Q | 0047 |
| Harley Davidson | 0000 |
| Harman/Kardon | 0081, 0038 |
| Harwood | 0072, 0068 |
| Headquarter | 0046 |
| Hitachi | 0000, 0042, 0041, 0105 |
| JVC | 0067, 0041, 0008 |
| Jensen | 0041 |
| KEC | 0037, 0278 |
| KLH | 0072 |
| Kenwood | 0067, 0041, 0038, 0046 |
| Kodak | 0035, 0037 |
| LXI | 0037 |
| Lloyd's | 0000, 0208 |
| Logik | 0072 |
| MEI | 0035 |
| MGA | 0240, 0043, 0061 |
| MGN Technology | 0240 |
| MTC | 0240, 0000 |
| Magnasonic | 0278, 0593 |
| Magnavox | 0035, 0039, 0081, 0000, 0149, 0110 |
| Magnin | 0240 |
| Marantz | 0035, 0081, 0038 |
| Marta | 0037 |
| Matsushita | 0035, 0162, 0454 |
| Memorex | 0035, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0046, 0307, 1037, 1162, 1262 |
| Minolta | 0042, 0105 |
| Mitsubishi | 0048, 0067, 0043, 0061 |
| Motorola | 0035, 0048 |
| Multitech | 0000, 0072 |
| NAP | 0035, 0037, 0039, 0042, 0033, 0034, 0066, 0105 |
| NEC | 0104, 0067, 0041, 0038, 0040 |
| Nikko | 0037 |
| Nikon | 0034, 0253 |
| Noblex | 0240 |
| Olympus | 0035 |
| Optimus | 0037, 0048, 0104, 0162, 0432, 0454, 0593, 1048, 1062, 1162, 1262 |
| Optonica | 0062 |
| Orion | 0184, 0002, 0295, 0479 |
| Panasonic | 0035, 0162, 0077, 0225, 0454, 1162 |
| Penney | 0035, 0037, 0240, 0042, 0038, 0040, 0054 |
| Pentax | 0042, 0105 |
| Philco | 0035, 0209, 0479 |
| Philips | 0035, 0081, 0062, 0110 |
| Pilot | 0037 |
| Pioneer | 0067 |
| Portland | 0020 |
| Profitronic | 0240 |
| Proscan | 0060, 0202 |
| Protec | 0072 |
| Pulsar | 0039 |
| Quarter | 0046 |
| Quartz | 0046 |
| Quasar | 0035, 0162, 0077, 0454, 1162 |
| RCA | 0060, 0035, 0048, 0240, 0042, 0149, 0077, 0105, 0106, 0202 |
| Radio Shack | 0000, 1037 |
| Radix | 0037 |
| Randex | 0037 |

| | |
|-----------------|--|
| Realistic | 0035, 0037, 0048, 0047, 0000, 0104, 0062, 0046, 0066 |
| Ricoh | 0034, 0253 |
| Runcos | 0039 |
| STS | 0042 |
| Samsung | 0240, 0045 |
| Sankyo | 0048, 0039 |
| Sansui | 0000, 0067, 0041, 0271, 0479 |
| Sanyo | 0047, 0240, 0104, 0046 |
| Scott | 0184, 0045, 0121, 0043, 0210, 0212 |
| Sears | 0035, 0037, 0047, 0000, 0042, 0104, 0046, 0054, 0066, 0105 |
| Semp | 0045 |
| Sharp | 0048, 0062 |
| Shintom | 0072 |
| Shogun | 0240 |
| Signature | 0035 |
| Singer | 0072 |
| Sony | 0035, 0032, 0000, 0033, 0034, 0253 |
| Sunpak | 0253 |
| Sylvania | 0035, 0081, 0000, 0043, 0110 |
| Symphonic | 0000, 0593 |
| TMK | 0240, 0036, 0208 |
| Tatung | 0041 |
| Teac | 0000, 0041 |
| Technics | 0060, 0035, 0039, 0162, 0202 |
| Teknika | 0035, 0037, 0000 |
| Thomas | 0000 |
| Toshiba | 0045, 0043, 0066, 0210, 0212 |
| Totlevision | 0037, 0240 |
| Unitech | 0240 |
| Vector | 0045 |
| Vector Research | 0038, 0040 |
| Video Concepts | 045, 0040, 0061 |
| Videosonic | 0240 |
| Wards | 0060, 0035, 0048, 0047, 0081, 0240, 0045, 0000, 0042, 0072, 0149, 0062, 0212 |
| W. Westinghouse | 0278 |
| XR-1000 | 0035, 0000, 0072 |
| Yamaha | 0041, 0038 |
| Zenith | 0039, 0000, 0033, 0034, 0479 |

Set Up Codes for TV/VCR Combinations:

| | |
|---------------|--|
| American High | 0035 (TV = 0051) |
| Brocksonic | 0002, 0294, 0479 |
| Colt | 0072 |
| Curtis Mathes | 0035 (TV = 0051) |
| Daewoo | 0278 (TV = 0451) |
| Emerson | 0002, 0294, 0479 |
| Funai | 0000 |
| GE | 0035 (TV = 0051), 0060 (TV = 0047), 0048 (TV = 0093), 0240 |
| Hitachi | 0035 (TV = 0051), 0000 |
| HQ | 0000 |
| Lloyds | 0000 |
| Magnavox | 0000, 0035 (TV = 0051), 0081 (TV = 0054) |
| Magnin | 0240 |
| Memorex | 0037, 0162 (TV = 0250) |
| MGA | 0240 |
| Mitsubishi | 0048 (TV = 0093) |
| Orion | 0002, 0294, 0479 |
| Panasonic | 0035 (TV = 0051), 0162 (TV = 0250) |
| Penneys | 0035 (TV = 0051), 0240, 0162 (TV = 0250) |
| Quasar | 0035 (TV = 0051), 0162 (TV = 0250) |
| RCA | 0035 (TV = 0051), 0060 (TV = 0047), 0048 (TV = 0093) |
| Sansui | 0000, 0479 |
| Sanyo | 0240 |
| Sears | 0000, 0037 |
| Sony | 0032 (TV = 0000) |
| Symphonic | 0000 |
| Zenith | 0000 |

NOTE: If a separate TV code is listed for your brand, use it to set up your television.

To Set Up Your Cable Box:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your Cable Box.
- 2 Press and release the **CBL/SAT** key.
- 3 Press and hold **SETUP** until the display screen changes from [CABLE and the TIME] to [TIMED SEQ].
- 4 Press the **MENU** – key one time. The display screen will change to [CODE SETUP]. Press **SEL**. The display will change to [DEV SET UP].
- 5 Press **SEL** and the display screen will change to [CABLE].
- 6 Enter the first Cable Box code listed for your brand in the "Set Up Codes for Cable Boxes", the press **SEL**.



Point the remote control at the Cable Box and press **POWER**. Your Cable Box should turn OFF. If your Cable Box turns OFF, press the **ESC** key to return the display to [CABLE and the TIME]. If your Cable Box does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [CABLE and the TIME].

*NOTE: If your original Scientific Atlanta remote control does not have an "ON" key, press **CH+** or one of the digit keys on the HOME THEATER PLUS to turn your Cable Box on.*

For a detailed explanation of what function each key will perform in the Cable mode, please refer to "Key Index".

Set Up Codes For Cable Boxes

| | |
|--------------------|--|
| ABC | 0003, 0008, 0014, 0017, 0007, 0011, 0001, 0013 |
| Allegro | 0153, 0315 |
| Antronix | 0022, 0207 |
| Archer | 0153, 0022, 0207, 0797 |
| Belcor | 0056 |
| Bell & Howell | 0014 |
| Cable Star | 0056 |
| Cabletenna | 0022 |
| Cableview | 0022 |
| Century | 0153 |
| Citizen | 0153, 0315 |
| Colour Voice | 0025, 0031 |
| Comtronics | 0040 |
| Contec | 0019 |
| Digi | 0637 |
| Eastern | 0002 |
| Emerson | 0797 |
| Everquest | 0015, 0040 |
| Focus | 0400 |
| GC Electronics | 0056, 0207 |
| Garrard | 0153 |
| Gemini | 0015 |
| General Instrument | 0476, 0276, 0011, 0810 |
| GoldStar | 0144, 0040 |
| Goodmind | 0797 |
| Hamlin | 0020, 0259, 0009, 0034 |
| Hitachi | 0011 |
| Hytex | 0007 |
| Jasco | 0015, 0153, 0315 |
| Jerrold | 0003, 0012, 0476, 0276, 0014, 0015, 0011, 0810 |
| Lindsay | 0440 |
| Magnavox | 0014, 0027 |
| Memorex | 0000 |
| Movie Time | 0063, 0156 |
| NAP | 0007 |
| NSC | 0063, 0156 |
| Novaplex | 0618 |
| Oak | 0019, 0007 |
| Optimus | 0021 |
| Panasonic | 0000, 0107, 0021 |
| Panther | 0637 |
| Paragon | 0000 |
| Philips | 0153, 0025, 0027, 0031 |
| Pioneer | 0144, 0023, 0533 |
| Popular Mechanics | 0400 |
| Proscan | 0021 |
| Pulsar | 0000 |
| Quasar | 0000 |
| RCA | 0021 |
| Radio Shack | 0015, 0315, 0797, 0883 |
| Realistic | 0207 |
| Recoton | 0400 |
| Regal | 0020, 0259 |
| Regency | 0002 |
| Rembrandt | 0011 |
| Runco | 0000 |
| SL Marx | 0040 |
| Samsung | 0144, 0040 |
| Scientific Atlanta | 0008, 0477, 0017 |
| Seam | 0510 |
| Signal | 0015, 0040 |
| Signature | 0011 |
| Sprucer | 0021 |
| Starcom | 0003, 0015 |
| Stargate | 0015, 0040, 0797 |
| Starquest | 0015 |
| Sylvania | 0001 |
| TFC | 0310 |
| TV86 | 0063 |
| Tandy | 0258 |
| Teleview | 0040 |
| Texscan | 0001 |
| Timeless | 0418 |
| Tocom | 0012, 0013 |
| Toshiba | 0000 |
| Tusa | 0015 |
| Unika | 0153, 0022, 0207 |
| United Artists | 0007 |
| Universal | 0153, 0022, 0056, 0191, 0207 |
| Videoway | 0250 |
| Viewstar | 0063, 0027, 0258 |
| Zenith | 0008, 0000, 0015, 0207, 0525 |
| Zenter | 0400 |

To Set Up Your DSS or Satellite Receiver:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your DSS or Satellite Receiver.
- 2 Press and release the **CBL/SAT** key.
- 3 Press and hold **SETUP** until the display screen changes from [CABLE and the TIME] to [TIMED SEQ].
- 4 Press the **MENU** – key. The display screen will change to [CODE SET UP]. Press **SEL**. The display will change to [DEV SET UP].
- 5 Press **SEL** and the display screen will change to [CABLE].
- 6 Press the **MENU** – key. The display screen will change to [SAT].
- 7 Enter the first Satellite code listed for your brand in the "Set Up Codes for Satellites", then press **SEL**. Point the remote control at the Satellite and press **POWER**. Your Satellite should turn OFF. If your Satellite turns OFF, press the **ESC** key to return the display to [SAT and the TIME]. If your Satellite does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [SAT and the TIME].

For a detailed explanation of what function each key will perform in the Satellite mode, please refer to "Key Index".

Set Up Codes for DSS and Satellite Receivers

| | |
|---------------------|--|
| AlphaStar | 0772 |
| Astro Industries | 0095 |
| BSR | 0095 |
| Capetronic | 0095 |
| Channel Master | 0018, 0212 |
| Chaparral | 0053, 0209, 0216 |
| DX Antenn | 0041 |
| Drake | 0018, 0064, 0149, 0245 |
| Echostar | 0775, 0148, 0159, 0269, 0280 |
| Expressvu | 0775 |
| General Instrument | 0627, 0361, 0869 |
| HTS | 0775 |
| Hitachi | 0819 |
| Homecable | 0238 |
| Hughes Network Sys. | 0749 |
| Hytek | 0095 |
| IO | 0210 |
| IO Prism | 0210 |
| JVC | 0775 |
| Janeil | 0152 |
| Jerrold | 0627, 0361 |
| Legend | 0269 |
| Macom | 0018 |
| Magnavox | 0724, 0722 |
| Memorex | 0724, 0269 |
| Next Level | 0869 |
| Panasonic | 0701, 0152 |
| Philips | 0724, 0722, 0200 |
| President | 0074 |
| Primestar | 0627, 0361 |
| Proscan | 0566 |
| RCA | 0566, 0143, 0392, 0855 |
| Radio Shack | 0566, 0869 |
| Realistic | 0052 |
| STS | 0041, 0210 |
| Sony | 0639 |
| Star Choice | 0869 |
| Star Trak | 0180 |
| Toshiba | 0790, 0082 |
| Uniden | 0724, 0722, 0052, 0074, 0076, 0238, 0370 |
| Zenith | 0064, 0245, 0856 |

To Set Up Your DVD or LD Player:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your DVD or LD Player and insert a disc.
- 2 Press and release the **DVD/LD** key.
- 3 Press and hold **SETUP** until the display screen changes from [DVD and the TIME] to [TIMED SEQ].
- 4 Press the **MENU** – key one time. The display screen will change to [CODE SET UP]. Press **SEL**. The display will change to [DEV SET UP].



Press **SEL** and the display screen will change to [DVD].

NOTE: If you are setting up a LD Player, press either **MENU +** or **MENU -**. The display will change to [LDP].



Enter the first DVD or LD code listed for your brand in the "Set Up Codes for DVD Players" or "Set Up Codes for LD Players", then press **SEL**. Aim the remote control at the DVD or LD player and press **POWER** or **PLAY**. Your player should turn OFF or start to play your disc. Press the **ESC** key to return the display to [DVD and the TIME]. If your player does not turn OFF or start to play your disc, enter the next code in the code list then press **SEL** followed by **POWER** or **PLAY** again. Once the correct code is entered, press the **ESC** key to return the display to [DVD and the TIME].



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For a detailed explanation of what function each key will perform in the CD mode, please refer to "Key Index".

Set Up Codes for CD or MD Players

| | |
|-----------------------|---|
| ADC | 0018 |
| Adcom | 0155, 0234 |
| Aiwa | 0157, 0012, 0124 |
| Akai | 0156 |
| Audio Alchemy | 0194 |
| Audio-Technica | 0170 |
| BSR | 0194, 0245 |
| Bang & Olufsen | 0212 |
| Burnmester | 0420 |
| California Audio Labs | 0029 |
| Carrera | 0194 |
| Carver | 0157, 0179, 0437 |
| Crown | 0122 |
| Curtis Mathes | 0029 |
| DAK | 0245 |
| DBX | 0254 |
| DKK | 0000 |
| Denon | 0003, 0873 |
| Emerson | 0305, 0155, 0164, 0469 |
| Fisher | 0179, 0088, 0174, 0342 |
| GE | 0009 |
| Garrard | 0420, 0393, 0245, 0280, 0425 |
| Genexxa | 0032, 0305, 0164 |
| GoldStar | 0417 |
| Harman/Kardon | 0157, 0173, 0426 |
| Hitachi | 0032, 0155 |
| JVC | 0072, 0655, 0658 |
| Kenwood | 0028, 0037, 0190, 0826, 0681 |
| Kodak | 0287 |
| Krell | 0157 |
| Kyocera | 0018 |
| LXI | 0305 |
| Linn | 0157 |
| Luxman | 0093 |
| MCS | 0029, 0043 |
| MTC | 0420 |
| Magnavox | 0157, 0305 |
| Magnavox CD-R | 0626 |
| Marantz | 0029, 0157, 0180 |
| McIntosh | 0287 |
| Mission | 0157 |
| NEC | 0043, 0234 |
| NSM | 0157 |
| Nakamichi | 0147 |
| Nikko | 0164, 0170, 0174 |
| Onkyo | 0101, 0868 |
| Optimus | 000, 0032, 0179, 0305, 0037, 0420, 0145, 0468, 0087, 0175, 0194, 0196, 0280, 0342, 0426, 0437 |
| Panasonic | 0029, 0303, 0367, 0752 |
| Parasound | 0420, 0194 |
| Philips | 0157, 0287, 0626 |
| Pioneer | 0032, 0305, 0468, 0244 |
| Proscan | 0053 |
| Proton | 0157 |
| QED | 0157 |
| Quasar | 0029 |
| RCA | 0179, 0305, 0053, 0009, 0155, 0764 |
| Realistic | 0179, 0420, 0155, 0164, 0175, 0180 |
| Rotel | 0157, 0420 |
| SAE | 0157 |
| STS | 0018 |
| Sansui | 0157, 0305, 0202 |
| Sanyo | 0179, 0087 |
| Scott | 0305, 0155, 0164 |
| Sears | 0305 |
| Sharp | 0037, 0180, 0861 |
| Sherwood | 0180, 0196, 0426 |
| Shure | 0043 |
| Sony | 0000, 0185, 0490, 0604, 0605 |
| Soundesign | 0145, 0425 |
| Sylvania | 0157 |
| Tascam | 0420 |
| Teac | 0420, 0393, 0174, 0180 |
| Technics | 0029, 0207, 0303 |
| Vector Research | 0194, 0417 |
| Victor | 0072 |
| Wards | 0157, 0053 |
| Yamaha | 0036, 0170, 0187 |
| York | 0461 |

To Set Up Your Tuner/Receiver:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your Tuner/Receiver.
- 2 Press and release the TUNER key.
- 3 Press and hold SETUP until the display screen changes from [TUNER and the TIME] to [TIMED SEQ].
- 4 Press the MENU – key one time. The display screen will change to [CODE SETUP]. Press SEL. The display will change to [DEV SET UP].



Press SEL and the display screen will change to [TUNER].



Enter the first Tuner code listed for your brand in the "Set Up Codes for Tuner/Receivers", then press SEL. Aim the remote control at the Tuner/Receiver and press POWER. Your Tuner/Receiver should turn OFF. Press the ESC key to return the display to [TUNER and the TIME]. If your Tuner/Receiver does not turn OFF, enter the next code in the code list then press SEL followed by POWER. Once the correct code is entered, press the ESC key to return the display to [TUNER and the TIME].



For a detailed explanation of what function each key will perform in the Tuner mode, please refer to "Key Index".

Set Up Codes For Tuner/Receivers

| | |
|----------------|---|
| ADC | 0531 |
| Adcom | 0616 |
| Aiwa | 0158, 0189, 0121, 0405 |
| Akai | 0076, 0224 |
| Bang & Olufsen | 0898 |
| Capetronic | 0531, 0195 |
| Carver | 0189, 0008, 0042, 0360 |
| Casio | 0195 |
| Clarinette | 0195 |
| Curtis Mathes | 0039, 0080 |
| Denon | 0004, 0273, 0771 |
| Emerson | 0424 |
| Fisher | 0042, 0219, 0360, 0801 |
| Garrard | 0463, 0424 |
| Harman/Kardon | 0110, 0189, 0891 |
| Inkel | 0062 |
| JBL | 0110 |
| JVC | 0074 |
| Kenwood | 0027, 0186, 0042, 0077, 0313, 0314 |
| Koss | 0424 |
| LXI | 0181 |
| Linn | 0189 |
| Lloyd's | 0195 |
| MCS | 0039, 0346 |
| Magnavox | 0531, 0189, 0195, 0128, 0391 |
| Marantz | 0039, 0189, 0128 |
| Modulaire | 0195 |
| NAD | 0320 |
| NEC | 0235 |
| Nakamichi | 0097, 0347 |
| Onkyo | 0135, 0100, 0380 |
| Optimus | 0531, 0670, 0186, 0042, 0177, 0181, 0219, 0738, 0801, 0801, 1023, 0042, 0080*, 0181, 0186, 0531, 0670, 0738, 0801 |
| Panasonic | 0039, 0309, 0518 |
| Penney | 0195 |
| Philips | 0189, 0391 |
| Pioneer | 0531, 0014, 0150, 0630, 0080, 1023, 0014*, 0080*, 0150, 0531, 0630, 1023 |
| Proscan | 0054 |
| Quasar | 0039 |
| RCA | 0531, 0054, 0346, 0360, 0530 |
| Realistic | 0195, 0163, 0181 |
| Sansui | 0189, 0193, 0346 |
| Sanyo | 0219, 0801 |
| Scott | 0163, 0322 |
| Sharp | 0186 |
| Sherwood | 0491, 0062, 0502 |
| Siemens | 0424 |
| Sony | 0158, 0168, 0474, 0158**, 0474 |
| Soundesign | 0670 |
| Teac | 0463, 0163 |
| Technics | 0039, 0309, 0208, 0518 |
| Victor | 0074 |
| Wards | 0158, 0014, 0189, 0080, 0042, 0054 |
| Yamaha | 0176, 0186 |
| Yorx | 0195 |
| Zenith | 0857 |

NOTES: *May use Amplifier code 0013 for power and volume. See below section for amplifier setup and codes.

**May use Miscellaneous Audio code 0159 to operate surround and tuner presets. See misc. audio setup and codes.

To Set Up Your Amplifier:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your Amplifier.
- 2 Press and release the AMP key.
- 3 Press and hold SETUP until the display screen changes from [AMP and the TIME] to [TIMED SEQ].
- 4 Press the MENU – key one time. The display screen will change to [CODE SETUP]. Press SEL. The display will change to [DEV SET UP].
- 5 Press SEL and the display screen will change to [AMP].

- 6** Enter the first Amplifier code listed for your brand in the "Set Up Codes for Amplifiers", then press **SEL**..
- 7** Aim the remote control at the Amplifier and press **POWER**. Your Amplifier should turn OFF. Press the **ESC** key to return the display to [AMP and the TIME]. If your Amplifier does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER**. Once the correct code is entered, press the **ESC** key to return the display to [AMP and the TIME].

For a detailed explanation of what function each key will perform in the Amplifier mode, please refer to "Key Index".

Set Up Codes for Amplifiers

| | |
|---------------|------------------------|
| Aiwa | 0406 |
| Bose | 0674 |
| Carver | 0269 |
| Curtis Mathes | 0300 |
| Denon | 0160 |
| GE | 0078 |
| Harman/Kardon | 0892 |
| JVC | 0331 |
| Kenwood | 0356 |
| Linn | 0269 |
| Luxman | 0165 |
| Magnavox | 0269 |
| Marantz | 0269, 0321, 0892 |
| NEC | 0264 |
| Nakamichi | 0321 |
| Optimus | 0395 |
| Panasonic | 0308 |
| Parasound | 0246 |
| Philips | 0269, 0892 |
| Pioneer | 0013, 0300 |
| Realistic | 0395 |
| Sansui | 0321 |
| Shure | 0264 |
| Sony | 0220, 0689 |
| Soundesign | 0078, 0211 |
| Technics | 0308, 0521 |
| Victor | 0331 |
| Wards | 0013, 0078, 0211 |
| Yamaha | 0354, 0133, 0143, 0504 |

SETTING UP ADDITIONAL HOME ENTERTAINMENT COMPONENTS

Besides the device keys that are already labeled (TV, VCR, CBL, etc.), the *HOME THEATER PLUS* can also operate the following components: Cassette Decks, Home Automation, Digital Audio Tape, Turntables, Video Accessories, and Miscellaneous Audio Components (e.g., Graphic Equalizers and Digital Music Service Boxes).

The Set Up codes for these devices can be accessed under the following device keys:

| | |
|--|----------------------------|
| Cassette Decks: | Use the AUX1 Key |
| Home Automation: | Use the CD Key |
| Digital Audio Tape: | Use the AUX1 Key |
| Turntables: | Use the CD Key |
| Video Accessories: | Use the CBL/SAT Key |
| (Note: Web TV found under Video Accessories) | |
| Miscellaneous Audio: | Use the AMP Key |

NOTE: Each device key (e.g., **TV**, **VCR**, **CBL/SAT**, etc.) can only operate one component at a time. If you have already set up a component on a key, then assigning a second component on the same key will erase the code for the first component you set up. For example, if you set up a **DVD** Player on **DVD** and then set up a **Turntable** on **DVD**, the *HOME THEATER PLUS* will only operate the **Turntable**.

For example, to set up a Cassette Deck on the **AUX1** key:

NOTE: If the four-digit code for your device begins with a "0", only the last three numbers of your code will be displayed.

- 1 Turn on your Cassette Deck.
- 2 Press and release the **AUX1** key.
- 3 Press and hold **SETUP** until the display screen changes from [TAPE and the TIME] to [TIME SEQ].
- 4 Press the **MENU** – key one time. The display screen will change to [CODE SETUP]. Press **SEL**. The display will change to [DEV SET UP].
- 5 Press **SEL** and the display screen will change to [TAPE].
- 6 Press **MENU** – to toggle between [TAPE] and [DAT]. Once [TAPE] is on the display screen, enter the first Cassette Deck code listed for your brand in the "Set Up Codes for Cassette Decks", then press **SEL**.

- 7** Point the remote control at the Cassette Deck and press **POWER**. Your Cassette Deck should turn OFF. Then press the **ESC** key to return the display to [TAPE and the TIME]. If your Cassette Deck does not turn OFF, enter the next code in the code list then press **SEL** followed by **POWER** again. Once the correct code is entered, press the **ESC** key to return the display to [TAPE and the TIME].

Re-assigning Device Keys

You can use the *HOME THEATER PLUS* to operate a second TV or a second VCR or any combination of eight devices. To do this, you must re-assign one of the device keys (i.e., **TV**, **VCR**, **DVD/LD**, **CBL/SAT**, **TUNER**, **AMP**, **CD**, or **AUX1**) to operate your second device. For example, to re-assign one of the device keys to support your other components:

- 1 Press and hold **SETUP** until the display screen changes from [DVD/LDP and the TIME] to [TIME SEQ].
- 2 **x2** Press the **MENU** – key twice. The display screen will change to [CONFIGURE]. Press **SEL**. The display will change to [THEATR SEL].
- 3 **x3** Press the **MENU** – key three times. The display screen will change to [MODE MAP]. Press **SEL**. The display will change to [SOURCE].
- 4 Press the device key you would like to move. The display screen will change to [COPY TO]. Press the unused device key you would like to replace. The display will change to [DEVICE2 and the TIME]. Proceed with programming the re-assigned device key with the appropriate code.

Set Up Codes for Cassette Decks

| | |
|----------------|------------------------|
| Aiwa | 0029, 0197, 0200 |
| Akai | 0283 |
| Bang & Olufsen | 0219 |
| Carver | 0029 |
| Denon | 0076 |
| Fisher | 0074 |
| Garrard | 0308, 0439 |
| Harman/Kardon | 0182, 0029 |
| JVC | 0244, 0273 |
| Kenwood | 0070, 0071 |
| Magnavox | 0029 |
| Marantz | 0029, 0009 |
| Mitsubishi | 0283 |
| Onkyo | 0135, 0136, 0282 |
| Optimus | 0027, 0220, 0337, 0439 |
| Panasonic | 0229 |
| Philips | 0029 |
| Pioneer | 0027, 0220, 0099 |
| Revox | 0190 |
| Sansui | 0029, 0009 |
| Sherwood | 0337 |
| Sony | 0243, 0170, 0291 |
| Teac | 0308 |
| Technics | 0229 |
| Victor | 0273 |
| Wards | 0027 |
| Yamaha | 0097, 0094 |

Set Up Codes for Home Automation

| | |
|-----------------|------|
| GE | 0240 |
| LiteTouch | 0084 |
| Lutron | 0318 |
| One For All | 0167 |
| Radio Shack | 0240 |
| Security System | 0167 |
| Universal X10 | 0167 |
| X10 | 0167 |

Set Up Codes for Digital Audio Tape

| | |
|---------------|------|
| Carver | 0158 |
| Denon | 0031 |
| Harman/Kardon | 0158 |
| Magnavox | 0158 |
| Marantz | 0158 |
| Philips | 0158 |
| Sony | 0093 |

Set Up Codes for Turntables

| | |
|----------|------|
| Aiwa | 0188 |
| Carver | 0188 |
| Magnavox | 0188 |
| Marantz | 0188 |
| Philips | 0188 |
| Sony | 0348 |

Set Up Codes for Video Accessories

Archer 0160
 GC Electronics 0160
 Jbsee 0160
 Magnavox Web-TV 0818
 Philips Web-TV 0818
 RadioShack 0160
 Sony Web-TV 0850
 TeleCaption 0171

Set Up Codes for Miscellaneous Audio

Aiwa 0010, 0159, 0404
 Fisher 0052
 Harman/Kardon 0477
 JBL 0477
 JVC 0073
 Jerrold 0459, 0520
 Nikko 0376
 Paramount Pict. 0317
 RCA 0056
 SSI 0317
 Schneider 0376
 Scientific Atlanta 0460
 Sony 0010, 0159
 Soundesign 0376
 Starcom 0459
 Yorx 0376

SEARCHING FOR YOUR CODE

If your components do not respond to the **HOME THEATER PLUS** after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code. For example, after trying all of the codes for your brand of TV, you still cannot get the **HOME THEATER PLUS** to operate your TV, then:

- 1 Press and release the **TV** key.
- 2 Press and hold **SETUP** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
- 3 Press the **MENU –** key one time. The display screen will change to [CODE SETUP]. Press **SEL**. The display will change to [DEV SET UP].
- 4 Press the **MENU –** key another time. The display screen will change to [DEV SEARCH]. Press **SEL**. The display will change to [TV and XXX].
- NOTE:** XXX represents the last three-digit code that was entered prior to starting the search.
- 5 Press **POWER**. If your TV turns OFF, press **SEL** to lock in your code and return the display to [TV and the TIME]. If your TV does not turn OFF, press **MENU –**. The next available code will appear on the display screen, then press **POWER** again. Continue to press **POWER** then **MENU –** until your TV turns OFF. Once your TV turns OFF, press **SEL** to lock in your code and return the display to [TV and the TIME].

NOTE: If you are searching for your VCR, CD Player, DVD Player, or LD Player code, use **PLAY** instead of **POWER**. Once your component begins to play the tape or disc, press **SEL** to lock in the code.

Finding Out Your Code

After you have set up your components using the search, you may need to find out which four-digit code is operating your components. For example, to find out what four-digit code is operating your TV:

- 1 Press and release the **TV** key.
- 2 Press and hold **SETUP** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
- 3 Press the **MENU –** key one time. The display screen will change to [CODE SETUP]. Press **SEL**. The display will change to [DEV SET UP].
- 4 x2 Press **MENU –** twice. The display will change to [DEV NUMBER]. Press **SEL**. The display will then change to [TV and your code]. Write down the code in the below boxes and press **ESC** to return the display to [TV and the TIME].

TV code:

VCR Code:

Cable Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

Satellite Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

Tuner Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

Amplifier Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

CD Player Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

DVD/LD Player Code:

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|

LEARNING FUNCTIONS ONTO THE 1L THROUGH 4L KEYS

The **1L**, **2L**, **3L**, and **4L** keys can be used to customize those functions that are unique to your home entertainment needs. For example, the **HOME THEATER PLUS** does not offer Tracking Up or Down for a VCR. However, with the learning feature, you can add these as well as many other functions to the **HOME THEATER PLUS**.

NOTE: Please have your original remote controls handy before performing learning.

- 1 **(Device Key)** Press and release the Device key (e.g., VCR) where you want **HOME THEATER PLUS** to learn new feature(s).
- 2 Press and hold **SETUP** until the display screen changes from the device you selected [e.g., VCR and the TIME] to [TIMED SEQ].
- 3 x2 Press **MENU –** twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL]. Press **MENU +** twice, the display will change to [IR LEARNER].
- 4 x2 Press **SEL**, the display screen will change to [IR LEARN]. Press **SEL** again.
- 5 The display screen will change from [IR LEARN] to [VCR].

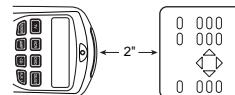
HOME THEATER PLUS is now ready to learn new features.

NOTE: At this point, you can press a different device key (e.g., TV) to learn features in a different mode.

- 6 **(Device Key)** Press and release the Device key (e.g., TV) in which you would like to learn your new function.

NOTE: Steps 7 through 9 need to be completed within 10 seconds. Please read the next three steps before proceeding.

- 7 Press and release the **(1~4)L** key where you want to assign a component's feature. The **HOME THEATER PLUS**'s red light will flash rapidly.
- 8 Place your original remote control about 2 inches apart (nose-to-nose) from the **HOME THEATER PLUS**.



NOTE: If the **HOME THEATER PLUS** has trouble learning a feature, try moving your original remote control to the left or right during the learning process. The position of the IR LED transmitter on your original remote control may be offset.

- 9 On your original remote control, press and hold the key (feature) you want learned until the red light on the **HOME THEATER PLUS** blinks twice and the display will read [SUCCESS]. If the red light on the **HOME THEATER PLUS** does not blink twice or the display reads [ERROR], stop and repeat step 7 to 9.

NOTE: You can now repeat steps 6 through 9 to learn additional functions on the other **(1~4)L** keys and in different modes.

- 10 Once the *HOME THEATER PLUS* has learned all desired features, press and release **ESC** to exit out of learning mode.
- 11 To test a new feature, press and release a desired device key, followed by the (1~4)L key where a corresponding feature was learned.

Note : Direct sunlight or high efficiency fluorescent lighting might interfere with learning the process.

Deleting Functions from the L keys:

- 1 (Device Key) Press and release the Device key (e.g., VCR) where you want *HOME THEATER PLUS* to learn new feature(s).
- 2 Press and hold **SETUP** until the display screen changes from the device you selected [e.g., VCR and the TIME] to [TIMED SEQ].
- 3 x2 Press **MENU** – twice, the display will change to [CON FIGURE]. Press **SEL**, the display will change to [THEATR SEL]. Press **MENU +** twice, the display will change to [IR LEARNER].
 x2
- 4 Press **SEL**, the display screen will change to [IR LEARN]. Press **MENU +** once and the screen will change to [IR DELETE]. Press and release **SEL**.
- 5 The display screen will now change to [KEY/MODE]. Press and release **SEL**.
- 6 (Device Key) Press and release the Device key which holds the learned feature you want to delete (e.g., TV). Then press and release the (1~4)L key you want to delete. The Display will read [DELETED].
- 7 You can now repeat steps 5 and 6 to continue deleting any and all learned features.
- 8 Press the **ESC** key to return to the main display [DEVICE and the TIME].

SETTING UP TIMED SEQUENCES - RECORDING WHEN YOU ARE NOT HOME

The *HOME THEATER PLUS* is equipped with a special feature that lets you set up a sequence of key-strokes that can be played back at a specified time, up to seven days in advance. You can use this feature to record from your DSS satellite, turn on your infrared home automation lighting system when you are not home, or any other series of key-strokes that you would like to play back at a later time. The *HOME THEATER PLUS* can store up ten sequences in the memory with each sequence having a maximum of 15 keystrokes. For example, to set up the remote to record a program off of your DSS receiver:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
 x2 Press **SEL**. The display will change to [ADD MACRO]. Press **SEL** again.
- 2 0 or 1 The display will change to [START and the TIME], with the first digit of the TIME blinking. Enter either a 0 or a 1, then the next digit in the time will begin to blink, continue entering the time until all four digits of the time have been set. Next, [AMP/M] will blink. Press **MENU –** to toggle between AM and PM. Choose one and press **SEL**.
- 3 The display will change to [ONCE]. Use **MENU –** to toggle through [ONCE], [DAILY], or [WEEKLY], depending on when and how often you want the sequence to play. Choose one and press **SEL**.
- 4 The display will change to the day of the week on which the sequence will begin. Use **MENU –** to toggle through the days of the week until a desired day is displayed. Press **SEL**. The display will change to [ENTER SEQ].

NOTE: When setting up your sequence, you will need to include any keystrokes that would normally be required during regular usage, such as pressing **ENTER** after entering a channel number when changing channels.

For example, enter a sequence that will start your VCR recording your DSS channel as follows:

SAT + POWER + SAT + 2 + 7 + 5 + VCR + POWER + VCR + RECORD.

This sequence will turn on the DSS, change the channel to 275, and turn on the VCR and start it recording.

- 5 Once a sequence has been set up, press the **ESC** key to return to the [DEVICE and the TIME] display screen. Below the [TIME], a CLOCK (symbol will appear to show that there is a timed sequence in the memory.

NOTE: If, at any time during the set up of your timed sequence, a mistake is made, press the **ESC** key to return to the main display [DEVICE and the TIME]. Then delete the sequence that was incorrect and restart your timed sequence.

After you have set up a timed sequence, you may want to set up a second sequence that turns everything off after your initial sequence. For the example above, after recording the program from your DSS, you can set up a second sequence to power OFF your DSS and VCR. Just repeat steps 1 through 5 to set up a sequence to power OFF your components.

To Delete a Timed Sequence

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **SEL**. The display will change to [ADD MACRO]. Press **MENU –** one time. The display will change to [DEL MACRO]. Press **SEL**.
- 2 The display will then change to [DEL (the DAY or D for Daily or W for WEEKLY) and (the TIME of the Sequence)]. If this is the timed sequence you would like to delete, press **SEL**. The display will change to [DELETED] then return to [DEVICE and the TIME].

NOTE: If you have more than one timed sequence saved in the memory of the *HOME THEATER PLUS*, use the **MENU –** key to scroll through your saved timed sequences until you see the sequence you would like to delete. Once the sequence is displayed on the screen, press **SEL**. The display will change to [DELETED] then return to the next available sequence to be deleted. If there are no other sequences to be deleted, then the display will return to [DEVICE and the TIME].

REPEATING A SERIES OF KEY PRESSES USING THE MACRO

The *HOME THEATER PLUS* has one Macro key that will play back a series of key strokes at any time with the press of one key. Each sequence can have up to a maximum of 15 keystrokes. These keys are not mode specific and can be accessed in any mode. For example, to set up a sequence that will turn on devices and turn them to the proper inputs:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ]. Press **MENU –** twice until the display reads [CONFIGURE], then press **SEL**. The display will then read [THEATR SEL].
 x2
- 2 x4 Press **MENU –** four times until the display reads [KEY MACRO]. Press **SEL**. The display will read [SEL MACKEY]. Press the **MACRO** key. The display will then read [ENTER SEQ]. Begin entering the sequence of keystrokes, up to 15.

NOTE: When setting up your sequence, you will need to include any keystrokes that would normally be required during regular usage, such as pressing **ENTER** after entering a channel number when changing channels.

For example:
(sequence) TUNER + POWER + TV + POWER + TV/SAT (to change the input on the TV to VIDEO 1) + SAT + POWER.

- 3 When your macro sequence is concluded, press **ESC** to save.

When the sequence key is pressed, the Tuner will power ON, the TV will power ON and change its input to VIDEO 1, and then the Satellite will power ON.

NOTE: If you make a mistake during the setup of a macro sequence, press **ESC** to return to the main display screen and begin the setup of your sequence again.

HOW TO USE THE SHIFT KEY

The *HOME THEATER PLUS* has additional features that can be accessed by using the **SHIFT** key. They are listed above the keys that they are mapped to.

For example, on the transport keys **PLAY**, **REW**, **FF**, **STOP**, and **PAUSE**, there are the following features: **SLOW**, **SLOW+**, **SLOW-**, **X2**, and **EJECT**.

If you want to eject a tape from your VCR, press:

SHIFT + STOP

This will eject your tape, as long as your original remote supported this feature.

NOTE: Once you have pressed the **SHIFT** key, **HOME THEATER PLUS** will remain in the "Shift" mode, as indicated by an **[S]** on the LCD screen, for 5 seconds after the last key press or until the **SHIFT** key is pressed again.

The following keys have functions that are shifted:

| | |
|-----------------|----------------------------------|
| MENU: | SHIFT + MENU = CLEAR |
| MUTE: | SHIFT + MUTE = SLEEP |
| PREV CH: | SHIFT + PREV CH = DISPLAY |
| PIP: | SHIFT + PIP = FREEZE PIP |
| REW: | SHIFT + REW = SLOW- |
| PLAY: | SHIFT + PLAY = SLOW |
| FF: | SHIFT + FF = SLOW + |
| STOP: | SHIFT + STOP = EJECT |
| PAUSE: | SHIFT + PAUSE = X2 |

IMPORTANT: For a more detailed explanation of what function each shifted key performs by device type (e.g., TV, VCR, etc.) Please refer to "KEY INDEX".

HOW TO USE THE SLEEP KEY

The **HOME THEATER PLUS** has a **SLEEP** key that either operates your component's sleep timer or, if your component does not have a sleep timer, it activates the **HOME THEATER PLUS**'s built-in sleep timer, after you activate **SLEEP LOCK** (see below). To use the **HOME THEATER PLUS**'s **SLEEP** key, press **SLEEP** (i.e., **SHIFT + MUTE**).

If your component does not have a sleep timer, the **HOME THEATER PLUS** will access its own built-in timer. To activate it, press **SLEEP** (i.e., **SHIFT + MUTE**). The display will change to [SLEEP 15]. To add time to the sleep timer, press **MENU -**. Each press of **MENU -** will add 15 minutes to the sleep timer, up to a total of 60 minutes. Once the desired time is displayed on the LCD screen, press **SEL**. The display screen will change to [SLEEP and the TIME].

Sleep Lock

If you would like **HOME THEATER PLUS** to use its built-in sleep timer on all of your components, you can lock the **SLEEP** mode, as follows:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2 **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL]. Press **MENU +** thrice, the display will read [SLEEP LOCK]. Press **SEL**, the display will change to [DISABLE].
- 3 Press **MENU -** once to change the display to [ENABLE], then press **SEL**. The display will return to [DEVICE and the TIME]. Now, whenever you press **SLEEP** (i.e., **SHIFT + MUTE**), **HOME THEATER PLUS** will use its own built-in sleep timer.

NOTE: When using the built-in sleep timer, pressing **POWER** will cancel the sleep function.

VOLUME LOCK

With the **HOME THEATER PLUS**, you can choose which home entertainment component controls your volume. When you originally set up the **HOME THEATER PLUS**, each individual component operates its own volume, provided the component has volume control. You can change this setting so that one component controls the volume, whether **HOME THEATER PLUS** is in the TV, VCR, or CBL/SAT mode. For example, to set-up the **HOME THEATER PLUS** to always control the volume through your Amplifier in the TV, VCR, or CBL/SAT mode:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2 **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL].
- 3 **x2** Press **MENU -** two more times, the display will read [VOL LOCK]. Press **SEL**, the display will change to [UNLOCK].



Press **MENU -** one time to change the display to [LOCK] then press **SEL**. Now press the key for the component that will control your volume. For example, to control the volume through your amplifier, press **AMP**. Press **SEL**. The display will return to [DEVICE and the TIME].

Now, when you use the volume keys on your **HOME THEATER PLUS**, the volume will be controlled by the specified component.

To return volume control to a component:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2 **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL].
- 3 **x2** Press **MENU -** two more times, the display will read [VOL LOCK]. Press **SEL**, the display will change to [LOCK].
- 4 Press **MENU -** one time to change the display to [UNLOCK] then press **SEL**. The display will return to [DEVICE and the TIME].

Now, when you use the volume keys on your **HOME THEATER PLUS**, each component will control its own volume, as long as that component originally had volume control.

KEYMOVER

Keymover allows you to map features from one device mode to another. For example, if your VCR does not have volume control, you can map the volume keys in the TV mode to the VCR mode. This will allow you to control the volume of your TV while in the VCR mode. To move key features from one mode to another:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2 **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL].
- 3 **x4** Press **MENU +** four times, the display will read [KEY MOVER]. Press **SEL**, the display will change to [FROM].
- 4 **(Device Key)** Press the device key (e.g., **TV**, **VCR**, **CBL/SAT**, etc.) that contains the feature you want to move. For the example above, to move the TV's volume, you would press **TV**. The display will show [TV].
- 5 **(Device Key)** Press the key for the feature you want to move. For the example, above, press **VOL +**. The display will change to [TO]. Press the device key (i.e., **TV**, **VCR**, **CBL/SAT**, etc.) where you would like to place the feature. For the example above, press **VCR**. The display will show [VCR].
- 6 **(VOL +)** Now press the key that will control the feature you are moving. For the example above, press **VOL +**. The display will return to [DEVICE and the TIME]. In the VCR mode, your **HOME THEATER Producer** will now operate volume up on your TV. Now, to complete the example above, repeat this sequence to move **VOL -** and **MUTE** from the TV mode to the VCR mode.

CLEAR ALL

If you would like to reset the **HOME THEATER PLUS** of all advanced functions, use the **CLEAR ALL** feature. The **CLEAR ALL** feature will erase the following functions from the memory of the **HOME THEATER PLUS**: Macro Sequences, Timed Macro Sequences, Volume Lock and Keymovers. **CLEAR ALL** will not erase your set-up codes. To clear the memory using the **CLEAR ALL** feature:

- 1 Press and hold **SETUP** until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2 **x2** Press the **MENU -** key twice, the display will change to [CONFIGURE]. Press **SEL**, the display will change to [THEATR SEL].
- 3 **x1** Press **MENU +** one time, the display will read [CLEAR ALL]. Press **SEL**, the display will change to [CLR ALL].
- 4 **x2** Press **SEL**, the display will change to [CONFIRM]. Press **SEL** once more and the display will return to [DEVICE and the TIME]. Your **HOME THEATER PLUS** is now reset.

TROUBLESHOOTING

| Problem | Solution |
|---|--|
| LCD screen begins to fade, does not appear or the red light blinks five times when you press a key? | Replace the batteries with four (4) new AAA alkaline batteries. |
| The HOME THEATER PLUS does not operate your home entertainment component? | Try all of the codes listed for your brand of home entertainment component in the "Set-Up Codes" section. If this does not work, try searching for your code. Make sure the home entertainment component you are setting up is able to be operated with an infrared remote control. |
| The HOME THEATER PLUS is not performing commands properly? | Try all of the codes listed for your brand of home entertainment component in the "Set-Up Codes" section. Many set-up codes may allow some degree of operation. However, only one set-up code will work correctly with your home entertainment component. |
| You make a mistake when setting up your HOME THEATER PLUS ? | During any set up procedure, except for Macros and Timed Sequences, pressing ESC will return you to [DEVICE and the TIME] screen without saving. If you make a mistake programming a Timed Sequence, return to the Timed Sequence menu and delete it. If you make a mistake when saving a macro, erase it by re-saving a new macro on the same key. |
| VCR not recording? | As a safety feature on the HOME THEATER PLUS , you must press the REC key twice. |
| CH +/- and PREV CH not working for your RCA TV? | Due to RCA design (1983-1987), only the original remote control will operate these functions. |
| Problems changing channels? | If your original remote control required an ENTER keystroke when changing channels, press the ENTER key on the HOME THEATER PLUS after you enter the channel number. |
| The red light blinks when you press a key but you receive no response from your home entertainment component? | Make sure you are aiming your HOME THEATER PLUS at your home entertainment component and that you are within 15 feet before using your remote control. |
| Your audio components turn on and off and control volume but do not change preset channels? | Some audio components may need both a Tuner/Receiver code and an Audio Amplifier code to control all of the features of your audio component. |
| Your DSS satellite receiver does not respond to the codes listed in the manual? | The codes listed in this manual are set up to operate your DSS receiver on the 1st or 2nd addresses only. Make sure the DSS Receiver can be operated with an infrared remote control and is not set up to only receive Radio Frequency. |
| The HOME THEATER PLUS is not operating your Bang & Olufsen equipment? | Some Bang & Olufsen products, as well as some other manufacturer's equipment operate at a frequency higher than 100 kHz and will not work with the HOME THEATER PLUS . |

ERROR MESSAGES

| Error | Meaning |
|------------|--|
| MEM FULL | Maximum memory capacity has been reached. |
| BATTERY LO | Replace batteries with four new "AAA" Alkaline batteries. |
| TOO LONG | Macro sequence being entered exceeds 15 keystrokes. |
| LIST END | You have reached the end of all valid codes using the Step-N-Set sequence. |
| INVALID | Displayed when trying to specify a key that is not valid for the sequence being entered. For example, when selecting a Device Key (e.g., TV) for a Macro sequence. |
| NOT FOUND | Displayed when you enter in a code that is not valid for the device being programmed. |
| ERROR | Displayed when an error has occurred in the learning sequence. |

Consumer Help Line: 1-330-405-8806
World Wide Web: <http://www.oneforall.com>

KEY INDEX

TV Functions

0 - 9 The Digit keys (**0-9**) control direct channel access the same as the Digit keys on your original remote.

NOTE: If your original remote control required you to use an **Enter** key to change channels, use the **ENTER** key on the **HOME THEATER PLUS** after entering your channel number.

 The **ENTER** key operates the same as the Enter key on your original TV remote control.

 The **TV/SAT** key operates the same as the TV/VIDEO or INPUT key on your original TV remote control.

 The **PREV CH** (Previous Channel) key operates the same as the LAST CHANNEL or RECALL key on your original TV remote control.

 The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your TV.

 The **PIP** key accesses your TV's Picture-in-Picture feature.

 The **FREEZE** key (**SHIFT + PIP**) freezes your Picture-In-Picture window.

 The **SWAP** key swaps the Picture-in-Picture window and the main picture.

 The **MOVE PIP** key moves the Picture-in-Picture window around your TV screen.

 The **MENU** key operates the same as the MENU or OSD (On Screen Display) key on your original remote. Use the **MENU +** (Up), **MENU -** (Down), **◀** (Left) and **▶** (Right) to navigate through your menus. If your original remote control had a Select/Enter key for use in your menu, use **SEL** or **ENTER**.

 The **SEL** key is used to make selections in the LCD Screen menu. It is also used to make selections in your on-screen TV menus.

 The **CLEAR** key (**SHIFT + MENU**) is used to exit or cancel selections in your on-screen TV menus.

 The **MENU +** (Up), **MENU -** (Down), **◀** (Left) and **▶** (Right) are used to navigate through your on-screen menus. **MENU +** and **MENU -** are also used to navigate through the LCD Screen menu.

 The VCR transport keys (i.e., **PLAY**, **REW**, **FF**, **STOP**, **PAU**, and **REC**) access the features of your VCR.

 The **SLEEP** key (**SHIFT + MUTE**) accesses the sleep timer on your TV. Even if your TV does not have a sleep timer, the **HOME THEATER PLUS** can access its own built-in sleep timer.

VCR Functions

The VCR transport keys (i.e., **PLAY**, **REW**, **FF**, **STOP**, **PAU** and **REC**) access the features of your VCR. As a safety feature on the *HOME THEATER PLUS*, you must press the **REC** key twice.

NOTE: The **SHIFT** key accesses advanced features that are mapped under the VCR keys: **SHIFT + PLAY = SLOW**, **SHIFT + REW = SLOW -**, **SHIFT + FF = SLOW +**, **SHIFT + STOP = EJECT** and **SHIFT + PAUSE = X2**.

0 - 9 The Digit keys (**0-9**) control direct channel access the same as the Digit keys on your original remote.

NOTE: If your original remote control required you to use an **Enter** key to change channels, use the **ENTER** key on the *HOME THEATER PLUS* after entering your channel number.

The **ENTER** key operates the same as the Enter key on your original VCR remote control.

The **TV/SAT** key operates the same as the TV/VCR key on your original VCR remote control.

The **PREV CH** (Previous Channel) key operates the same as the LAST CHANNEL or RECALL key on your original VCR remote control.

The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your VCR.

The **PIP** key accesses your VCR's Picture-in-Picture feature.

The **FREEZE** key (**SHIFT + PIP**) freezes your Picture-in-Picture window.

The **SWAP** key swaps the Picture-in-Picture window and the main picture.

The **MOVE PIP** key moves the Picture-in-Picture window around your TV screen.

The **MENU** key operates the same as the MENU or OSD (On Screen Display) key on your original remote. Use the **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** to navigate through your menus. If your original remote control had a Select/Enter key for use in your menu, use **SELECT** or **ENTER**.

The **SEL** key is used to make selections in the LCD Screen menu. It is also used to make selections in your on-screen VCR menus.

The **CLEAR** key (**SHIFT + MENU**) is used to exit or cancel selections in your on-screen VCR menus.

The **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** are used to navigate through your on-screen menus. **MENU +** and **MENU -** are also used to navigate through the LCD Screen menu.

Cable Functions

0 - 9 The Digit keys (**0-9**) control direct channel access the same as the Digit keys on your original remote.

NOTE: If your original remote control required you to use an **Enter** key to change channels, use the **ENTER** key on the *HOME THEATER PLUS* after entering your channel number.

The **ENTER** key operates the same as the Enter key on your original Cable Box remote control.

The **TV/SAT** key operates the same as the A/B key on your original Cable Box remote control.

The **PREV CH** (Previous Channel) key operates the same as the LAST CHANNEL or RECALL key on your original Cable Box remote control.

The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your Cable Box.

The **PIP** key accesses your Picture-in-Picture features.

The **FREEZE** key (**SHIFT + PIP**) freezes the Picture-in-Picture window.

The **SWAP** key swaps the Picture-in-Picture window and the main picture.



The **MOVE PIP** key moves the Picture-in-Picture window around your TV screen.



The **MENU** key operates the same as the MENU or OSD (On Screen Display) key on your original remote. Use the **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** to navigate through your menus. If your original remote control had a Select/Enter key for use in your menu, use **SEL** or **ENTER**.



Use the **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** to navigate through your menus. If your original remote control had a Select/Enter key for use in your menu, use **SEL** or **ENTER**.



The **SEL** key is used to make selections in the LCD Screen menu. It is also used to make selections in your on-screen menus.



The **CLEAR** key (**SHIFT + SEL**) is used to exit or cancel selections in your on-screen menus.



The **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** are used to navigate through your on-screen menus. **MENU +** and **MENU -** are also used to navigate through the LCD Screen menu.



The **PLAY**, **REW**, **FF**, **STOP**, **PAU**, and **REC** keys access the features of your VCR.

DVD/LD/Cassette Functions



The **PLAY**, **REW**, **FF**, **STOP**, **PAU** and **REC** keys access the features of your Cassette Deck or DVD/LD Player.

NOTE: The **SHIFT** key accesses advanced features that are mapped under the VCR keys: **SHIFT + PLAY = SLOW**, **SHIFT + REW = SLOW -**, **SHIFT + FF = SLOW +**, **SHIFT + STOP = EJECT** and **SHIFT + PAUSE = X2**.



0 - 9 The Digit keys (**0-9**) control direct channel access the same as the Digit keys on your original remote.

NOTE: If your original remote control required you to use an **Enter** key to change channels, use the **ENTER** key on the *HOME THEATER PLUS* after entering your channel number.



The **ENTER** key operates the same as the Enter key on your original remote control.



The **DVD/LD** key operates the same as the DVD/LD key on your original LD or DVD Player remote control.



The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your LD or DVD Player.



The **MENU** key operates the same as the Menu or Program key on your original remote.



The **SEL** key operates the same as the CHAPTER button on your original DVD or LD Player remote control.



The **MENU** key operates the same as the MENU or OSD (On Screen Display) key on your original remote. Use the **MENU + (Up)**, **MENU - (Down)**, **(Left)** and **(Right)** to navigate through the LCD screen menu.



The **CLEAR** key (**SHIFT + MENU**) is used to exit or cancel selections in your Programming Menu.

DSS & Satellite Functions



0 - 9 The Digit keys (**0-9**) control direct channel access the same as the Digit keys on your original remote.

NOTE: If your original remote control required you to use an **Enter** key to change channels, use the **ENTER** key on the *HOME THEATER PLUS* after entering your channel number.



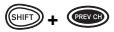
The **ENTER** key operates the same as the Enter key on your original Satellite remote control.



The **TV/SAT** key operates the same as the TV/SAT key on your original Satellite remote control.



The **PREV CH** (Previous Channel) key operates the same as the LAST CHANNEL or RECALL key on your original Satellite remote control.



The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your Satellite receiver.



The **PIP** key operates the same as the VIEW key on your original Satellite remote control.



The **MOVE PIP** key operates the same as the NEXT key on your original Satellite remote control.



The **MENU** key operates the same as the MENU or OSD (On Screen Display) key on your original remote. Use the **MENU + (Up)**, **MENU - (Down)**, **◀ (Left)** and **▶ (Right)** to navigate through your menus. If your original remote control had a Select/Enter key for use in your menu, use **SEL** or **ENTER**.

Receiver/Tuner Functions



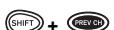
The Digit keys (**0 - 9**) access the different inputs of your Receiver.



The **TV/SAT** key operates the same as the INPUT key on your original Receiver remote control.



The **PREV CH** (Previous Channel) key operates the same as the RANDOM (CD function) key on your original remote control.



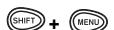
The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your Receiver.



The **MENU** key operates the same as the PROGRAM key on your original remote control.



The **SEL** key operates the TAPE MON function on your original Receiver remote control.



The **CLEAR** key (**SHIFT + MENU**) is used to exit or cancel selections in your on-screen menus.

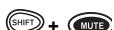


The transport keys (i.e., **PLAY**, **REW**, **FF**, **STOP**, **PAU** and **REC**) access the features of your CD Player.



The **MENU + (Up)** and **MENU - (Down)** keys access REAR LEVEL + and REAR LEVEL - respectively. **MENU ▲ (Left)** and **MENU ▼ (Right)** access BALANCE LEFT and BALANCE RIGHT.

NOTE: The **SHIFT** key accesses advanced features that are mapped under the **MENU** keys: **SHIFT + MENU + = CENTER LEVEL +**, **SHIFT + MENU - = CENTER LEVEL -**, **SHIFT + MENU ▲ = DELAY -**, and **SHIFT + MENU ▼ = DELAY +**.



The **SLEEP** key (**SHIFT + MUTE**) accesses the sleep timer on your Receiver. Even if your Receiver does not have a sleep timer, the **HOME THEATER PLUS** can access its own built-in sleep timer.

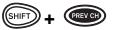
Amplifier Functions



The Digit keys (**0 - 9**) access the different inputs of your Amplifier.



The **TV/SAT** key operates the same as the INPUT key on your original Amplifier remote control.



The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your Amplifier.

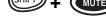


The **SEL** key operates the TAPE MON function on your original Amplifier remote control.



The **MENU + (Up)** and **MENU - (Down)** keys access REAR LEVEL + and REAR LEVEL - respectively. **MENU ▲ (Left)** and **MENU ▼ (Right)** access BALANCE LEFT and BALANCE RIGHT.

NOTE: The **SHIFT** key accesses advanced features that are mapped under the **MENU** keys: **SHIFT + MENU + = CENTER LEVEL +**, **SHIFT + MENU - = CENTER LEVEL -**, **SHIFT + MENU ▲ = DELAY -**, and **SHIFT + MENU ▼ = DELAY +**.



The **SLEEP** key (**SHIFT + MUTE**) accesses the sleep timer on your Amplifier. Even if your Amplifier does not have a sleep timer, the **HOME THEATER PLUS** can access its own built-in sleep timer.

CD Functions



The transport keys (i.e., **PLAY**, **REW**, **FF**, **STOP**, **PAU** and **REC**) access the features of your CD Player.

NOTE: The **SHIFT** key accesses advanced features that are mapped under the **VCR** keys: e.g., **SHIFT + STOP = EJECT**.



The Digit keys (**0 - 9**) control direct track access the same as the digit keys on your original remote control.



The **ENTER** key operates the same as the Enter key on your original CD Player remote.



The **TV/SAT** key operates the same as the A/B key on your original CD Player remote control.



The **PREV CH** (Previous Channel) key operates the same as the RANDOM key on your original CD Player remote control.



The **DISPLAY** key (**SHIFT + PREV CH**) operates the display on your CD Player.



The **MENU** key operates the same as the PROGRAM key on your original remote control.



The **SEL** key operates the DISK SELECT function on your original CD Player remote control.



The **MENU + (Up)** and **MENU - (Down)** keys access TRACK + and TRACK - respectively. **MENU ▲ (Left)** and **MENU ▼ (Right)** access DISK - and DISK + respectively.

Home Automation Functions



The **POWER** key operates the same as the ALL ON key of your original remote.



The Digit keys (**0 - 9**) control direct track access the same as the digit keys on your original remote control.



The **VOL +/-** keys operate the same as the BRIGHT and DIM keys on your original remote control.



The **CH +/-** keys operate the same as ON and OFF keys respectively.



The **MUTE** key operates the same as the ALL OFF key on your original remote control.

WARRANTY

One For All PRODUCTS Limited Warranty

One For All warrants, to the original purchaser only, that this product will be free from defects in materials and workmanship, under normal use, for ninety (90) days from the date of original purchase.

This warranty does not cover damage or failures caused by products or services not supplied by One For All, or which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, maladjustment of consumer controls, modifications, commercial use, or that is attributable to acts of God.

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To obtain warranty service for a defective product during the warranty period, please return the product, preferably in the original carton, along with your purchase receipt, to the store of original purchase. A note detailing the complaint would be helpful. The store, at its option, will replace or repair this product if found to be defective.

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